

Converting Colors

$Y_{xy}(27.1705, 0.3476, 0.3911)$

Have a look what the booklet for
Yxy(27.1705, 0.3476, 0.3911)
contains.

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Color

Yxy(27.1731, 0.3477, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	8F916C
RGB	143, 145, 108
RGB Percent	56%, 57%, 42%
CMY	0.4391, 0.4314, 0.5765
CMYK	0.01, 0.00, 0.26, 0.43
HSL	63°, 15%, 50%
HSV	63°, 26%, 57%
XYZ	24.1639, 27.1731, 18.1594
YIQ	140.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

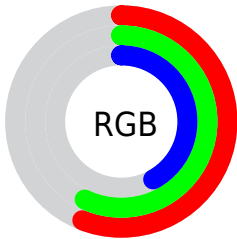
Format	Color
RYB	108, 145, 110
Decimal	9408876
CIELab	59.13, -7.11, 19.45
CIElCh	59, 20.710, 110.070
Yxy	27.1731, 0.3477, 0.3910
Android (android.graphics.Color)	4287598956 (0xFF8F916C)
YUV	140.1840, -15.8667, 2.4696
Hunter-Lab	52.1278, -8.4798, 15.8350

Details

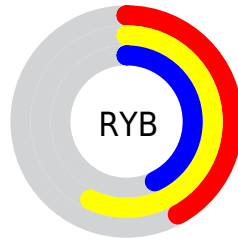
The Yxy color $27.1731, 0.3477, 0.3910$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.0830, 0.2727, 0.2595$, and the grayscale version is $26.3628, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2552, 0.3402, 0.3776$, and $10.7860, 0.3589, 0.4153$ is the 20% darker color. If you saturate the color by 10%, you get $26.8223, 0.3612, 0.4154$, and if you desaturate by 10%, it is $27.5781, 0.3339, 0.3663$.

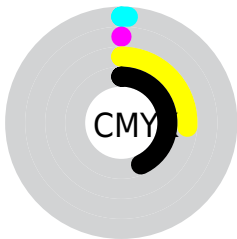
Distribution



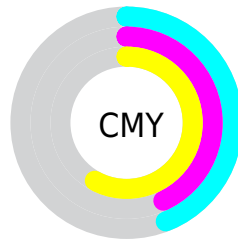
- Red (56%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1731, 0.3477, 0.3910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 27.1731, 0.3477, 0.3910 by changing the saturation by 10% instead.


 27.1731, 0.3477,
0.3910


 27.1731, 0.3477,
0.3910


288.4943, 0.3291,
0.3568

 17.7033, 0.3527,
0.4007


 55.1615, 0.3407,
0.3777


 10.7372, 0.3592,
0.4140

 74.4489, 0.3381,
0.3730

 5.8904, 0.3681,
0.4330

 97.7776, 0.3360,
0.3691

 2.7785, 0.3803,
0.4622

 125.5319, 0.3342,
0.3658

 1.0172, 0.4364,
0.5636

158.0964, 0.3326,
0.3631

 0.0000, 0.0000,
0.0000

195.8553, 0.3313,

0.3607

239.1932, 0.3301,
0.3586

■ 27.1731, 0.3477,
0.3910

■ 27.1731, 0.3477,
0.3910

■ 26.8223, 0.3612,
0.4154

■ 27.5781, 0.3339,
0.3663

■ 26.5196, 0.3739,
0.4387

■ 28.0361, 0.3201,
0.3420

■ 26.2635, 0.3853,
0.4599

■ 28.5505, 0.3068,
0.3187

■ 26.0508, 0.3948,
0.4782

■ 29.1234, 0.2942,
0.2966

■ 25.8782, 0.4021,
0.4929

■ 29.7567, 0.2823,
0.2761

■ 25.7419, 0.4070,
0.5034

■ 30.4524, 0.2713,
0.2572

■ 25.6363, 0.4094,
0.5100

■ 31.2123, 0.2613,
0.2400

■ 25.5927, 0.4103,
0.5124

■ 32.0381, 0.2521,
0.2243

■ 32.9315, 0.2437,
0.2101

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1731, 0.3730, 0.3797



27.1731, 0.3477, 0.3910



27.1731, 0.3139, 0.3840

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1731, 0.3477, 0.3910



27.1731, 0.2481, 0.2960



27.1731, 0.3436, 0.3009

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.1731, 0.3477, 0.3910



16.0830, 0.2727, 0.2595

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.1731, 0.3085, 0.2811



27.1731, 0.3477, 0.3910



27.1731, 0.2548, 0.2772

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.1731, 0.3477, 0.3910



27.1731, 0.2573, 0.3260



27.1731, 0.2763, 0.2724



27.1731, 0.3710, 0.3277

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.1731, 0.3477, 0.3910



27.1731, 0.2913, 0.3691



27.1731, 0.2763, 0.2724



27.1731, 0.3322, 0.2933

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.1743, 0.3477, 0.3910



49.9853, 0.3237, 0.3484



18.2223, 0.3638, 0.3324



11.0940, 0.3256, 0.3517



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1743, 0.3477, 0.3910



48.2719, 0.3561, 0.4061



25.6655, 0.3271, 0.3953



6.2710, 0.3251, 0.3508



21.9572, 0.4103, 0.5124



0.2128, 0.4151, 0.5086

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.0830, 0.2727, 0.2595



24.6921, 0.2613, 0.2400



17.3864, 0.2947, 0.2637



5.2678, 0.2997, 0.3063



1.7998, 0.1524, 0.0613



0.0194, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 27.1731, 0.3477, 0.3910 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 27.1731, 0.3477, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1731, 0.3477, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 27.1731, 0.3477, 0.3910.



This preview shows how white text looks on a background with the Yxy color 27.1731, 0.3477, 0.3910.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.1731, 0.3477, 0.3910

Protanopia

27.0829, 0.3602, 0.3860

Deuteranopia

26.9496, 0.3774, 0.3691



Tritanopia

27.0568, 0.3125, 0.3116

Trichromacy



Original Color

27.1731, 0.3477, 0.3910

Protanomaly

27.0960, 0.3563, 0.3882

Deuteranomaly

26.8385, 0.3665, 0.3769

Tritanomaly

27.0021, 0.3254, 0.3388

Monochromacy



Original Color

27.1731, 0.3477, 0.3910

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.5672, 0.3257, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1731, 0.3477, 0.3910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 145, 108)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 145, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 108) }
```

Border

The CSS property to change the border of an element to Yxy 27.1731, 0.3477, 0.3910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 145, 108) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(143, 145, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(143, 145, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 108);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1731, 0.3477, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
145, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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